

# **Solution of the spatial Tricomi problem for a singular mixed-type equation by the method of integral equations**

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## **Abstract**

We consider a mixed-type singular differential equation in a bounded spatial domain in a specific form and prove the unique solvability of the Tricomi problem for the mentioned equation. © 2011 Allerton Press, Inc.

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## **Keywords**

Cauchy problem, method of integral equations, singular equation, Tricomi problem